

Serial No. 10/630,627

RESPONSE TO FINAL OFFICE ACTION WITH 37 CFR § 1.114 RCE REQUEST

Page 2 of 9

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IN THE CLAIMS

1. (Withdrawn-currently amended) A method of treating a dermal condition comprising,

a) applying a pressure sensitive adhesive-free composition to a dermal structure comprising, a ~~matrix material that is not a pressure sensitive adhesive hydrogel~~; at least one active agent; at least one humectant and moisture content in the pressure sensitive adhesive-free composition effective to create a diffusion gradient between the pressure sensitive adhesive-free composition and a dermal structure, wherein moisture is transferred from the pressure sensitive adhesive-free composition to the dermal structure so that when the pressure sensitive adhesive-free composition is placed on a dermal structure moisture from the pressure sensitive adhesive-free composition is provided to the dermal structure, and the dermal structure is hydrated; ~~at least one active agent, and~~ wherein the at least one active ingredient ~~is comprises~~ a weak organic acid in an amount effective to treat a condition of the dermal structure; and

b) maintaining the pressure sensitive adhesive-free composition at the dermal structure site for a sufficient amount of time so that an effective amount of the active agent is delivered.

2. (Canceled)

3. (Withdrawn-currently amended)

organic acid comprises citric acid.

The method of Claim 1, wherein the

4. (Withdrawn-currently amended)

citric acid is in a concentration between 0.1 and 16%, between 4 and 16%, or between 6 and 12%.

The method of Claim 3, wherein the

5. (Canceled)

Serial No. 10/630,627

RESPONSE TO FINAL OFFICE ACTION WITH 37 CFR § 1.114 RCE REQUEST

Page 3 of 9

6. (Withdrawn-currently amended) The method of Claim 1, wherein the ~~matrix~~ hydrogel is made of natural or synthetic hydrophilic polymers, rubber, collagen, animal hide, hyaluronic acid, dextran, alginates, cellulose, carboxymethylcellulose, hydroxymethylcellulose, elastomers, polyethylenes, polypropylenes, polybutyrate, polyacrylate, polyacrylamide, polybuterate, polyurethane foam, silicone elastomer, nylon, vinyl or cross linked dextran.

7. (Withdrawn-currently amended) The method of Claim 1, wherein the humectant is glycerol.

8. (Withdrawn) The method of Claim 1, wherein the composition further comprises at least one attachment element.

9. (Withdrawn) The method of Claim 1, wherein the composition is an amorphous hydrogel.

10. (Withdrawn) The method of Claim 1, wherein the composition is a cream, salve, lotion, or emulsion.

11. (Currently amended) A pressure sensitive adhesive-free composition comprising,

- a) a ~~matrix material that is not a pressure sensitive adhesive~~ hydrogel;
- b) at least one active agent;
- c) at least one humectant; and
- d) moisture content in the pressure sensitive adhesive-free composition effective to create a diffusion gradient between the pressure sensitive adhesive-free composition and a dermal structure, wherein moisture is transferred from the pressure sensitive adhesive-free composition to the dermal structure when the pressure sensitive adhesive-free composition is provided to the dermal structure so that when the pressure sensitive adhesive-free composition

Serial No. 10/630,627

RESPONSE TO FINAL OFFICE ACTION WITH 37 CFR § 1.114 RCE REQUEST

Page 4 of 9

is provided to the dermal structure moisture is provided to the dermal structure and the dermal structure is hydrated;

wherein the at least one active ingredient is comprises a weak organic acid in an amount effective to treat a condition of the dermal structure.

12. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, further comprising a moisture management system.

13. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, further comprising at least one attachment element.

14. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, wherein the ~~matrix material is~~ hydrogel comprises natural or synthetic hydrophilic polymers, rubber, collagen, animal hide, hyaluronic acid, dextran, alginates, cellulose, carboxymethylcellulose, hydroxymethylcellulose, elastomers, polyethylenes, polypropylenes, polybutyrate, polyacrylate, polyacrylamide, polybuterate, polyurethane foam, silicone elastomer, nylon, vinyl, or cross linked dextran.

15. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, wherein the at least one active agent is comprises citric acid, sorbic acid, ascorbic acid, salicylic acid, tannic acid, succinic acid, lactic acid, pyruvic acid, alpha ketoglutaric acid, glutamic acid, acetic acid, butaric acid, salicylic acid, iodine, DMSO, azole derivatives, undecylenic acid, tea tree oil, urea, selenium sulfide, resorcinol, ketoconazole, Clotrimazole, Terbinafine, Ciclopirox olamine, Diflucan, anti-yeast compounds, antibacterial compounds, or antiviral compounds.

Serial No. 10/630,627

RESPONSE TO FINAL OFFICE ACTION WITH 37 CFR § 1.114 RCE REQUEST

Page 5 of 9

16. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, wherein the humectant is an organic alcohol, glycerol, butanol, propanol, isopropyl alcohol, ethanol, methanol, propylene glycol, polyethylene glycol, ethylene alcohol, butyl alcohol, sodium chloride, lithium chloride, copper chloride, magnesium chloride, magnesium sulfate, manganese sulphate, aluminum sulfate, zinc sulfate, or zinc chloride.

17. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, wherein the moisture content of the composition is in a range of from 0.1% to 50% water.

18-20. (Canceled)

21. (Currently amended) The pressure sensitive adhesive-free composition of Claim 11, wherein the citric acid is in a concentration of 0.1% to 16% w/w.

22. (New) A pressure sensitive adhesive-free composition, comprising:

- a) a hydrogel;
- b) at least one active agent;
- c) at least one humectant; and
- d) a moisture content in the pressure sensitive adhesive-free composition effective to create a diffusion gradient between the pressure sensitive adhesive-free composition and a dermal structure,

wherein moisture is transferred from the pressure sensitive adhesive-free composition to the dermal structure when the pressure sensitive adhesive-free composition is provided to the dermal structure, and wherein the at least one active ingredient comprises a weak organic acid in a concentration of about 0.1% to about 16% w/w.

23. (New) The pressure sensitive adhesive-free composition of Claim 22, wherein weak organic acid is citric acid, and wherein the citric acid is in a concentration of about 8% to about 16% w/w.

Serial No. 10/630,627

RESPONSE TO FINAL OFFICE ACTION WITH 37 CFR § 1.114 RCE REQUEST

Page 6 of 9

24. (New) The pressure sensitive adhesive-free composition of Claim 22, wherein the hydrogel is made of natural or synthetic hydrophilic polymers, rubber, collagen, animal hide, hyaluronic acid, dextran, alginates, cellulose, carboxymethylcellulose, hydroxymethylcellulose, elastomers, polyethylenes, polypropylenes, polybutyrate, polyacrylate, polyacrylamide, polybuterate, polyurethane foam, silicone elastomer, nylon, vinyl or cross linked dextran.

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